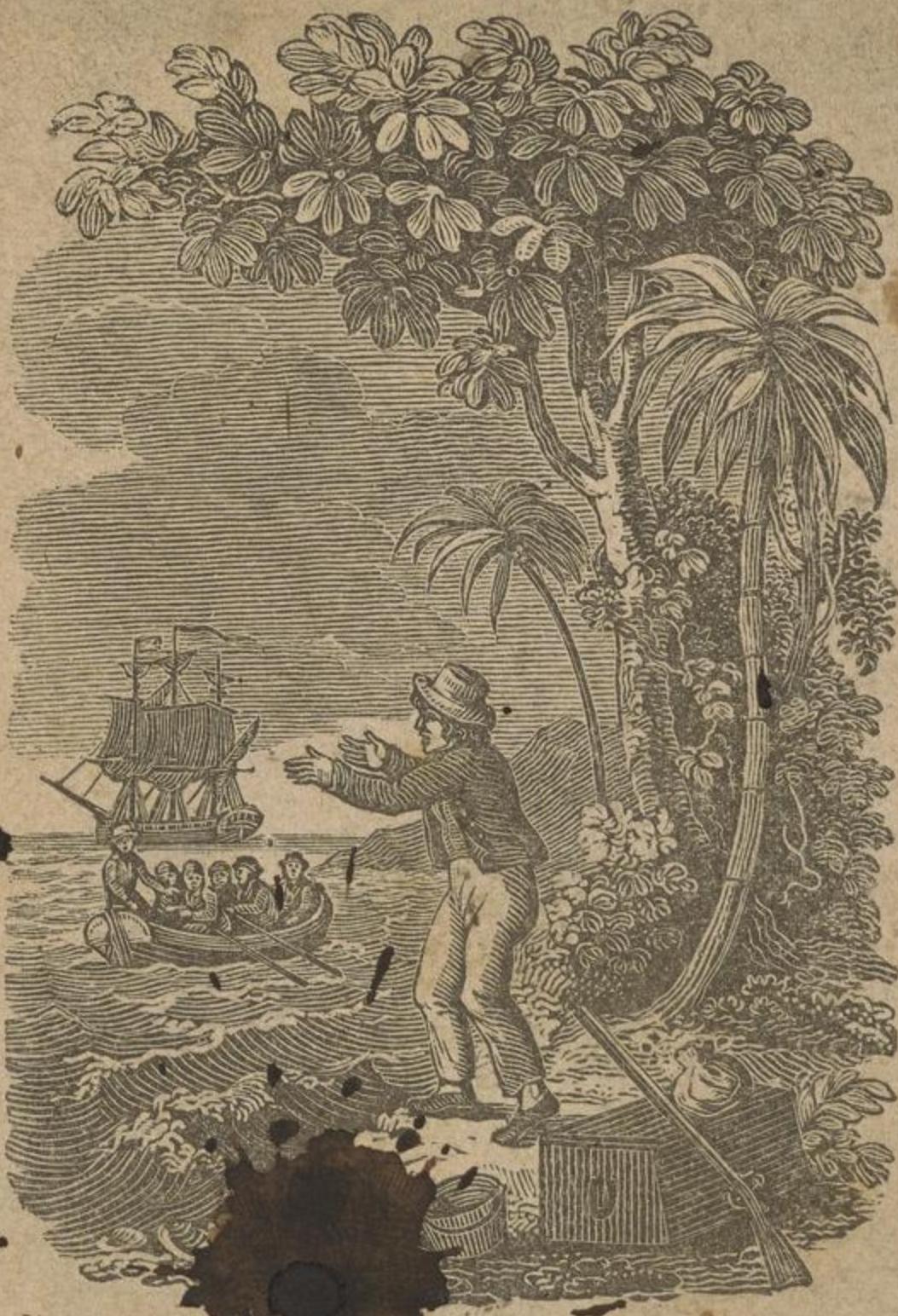


Lectures

Mateua *the* Medica  
SELKIRK LEFT ON THE ISLAND.



Alexander Selkirk, a Scotch sailor, was left upon the island of St. Juan Fernandez, where he dwelt for a number of years, having no company but beasts to dwell with. Here he lived a solitary life, and was finally taken home in a ship that touched at the island, to the great surprise of his friends. (See the adventures of the "Real Robinson Crusoe," published by Mahlon Day, New-York.)

SOLD BY JOSEPH M'DOWELL, NO. 25, MARKET-STREET, PHILADELPHIA.

Burdach - arranged article of Mat: Med: according to their chemical Analogies -  
Arrangements also made according to  
the Physical properties of medicines -

Cullen's Arrangement founded upon  
the general Effects of Remedies -  
and also in its minor Subdivisions  
upon their Physical Relations -  
Alibert - according to the relations  
which Remedies bear to particular  
organs or Structure -

Dr Granville of England - combining  
both the System of Cullen and Alibert -

M12 7406. F.439

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RIDGWAY BRANCH.

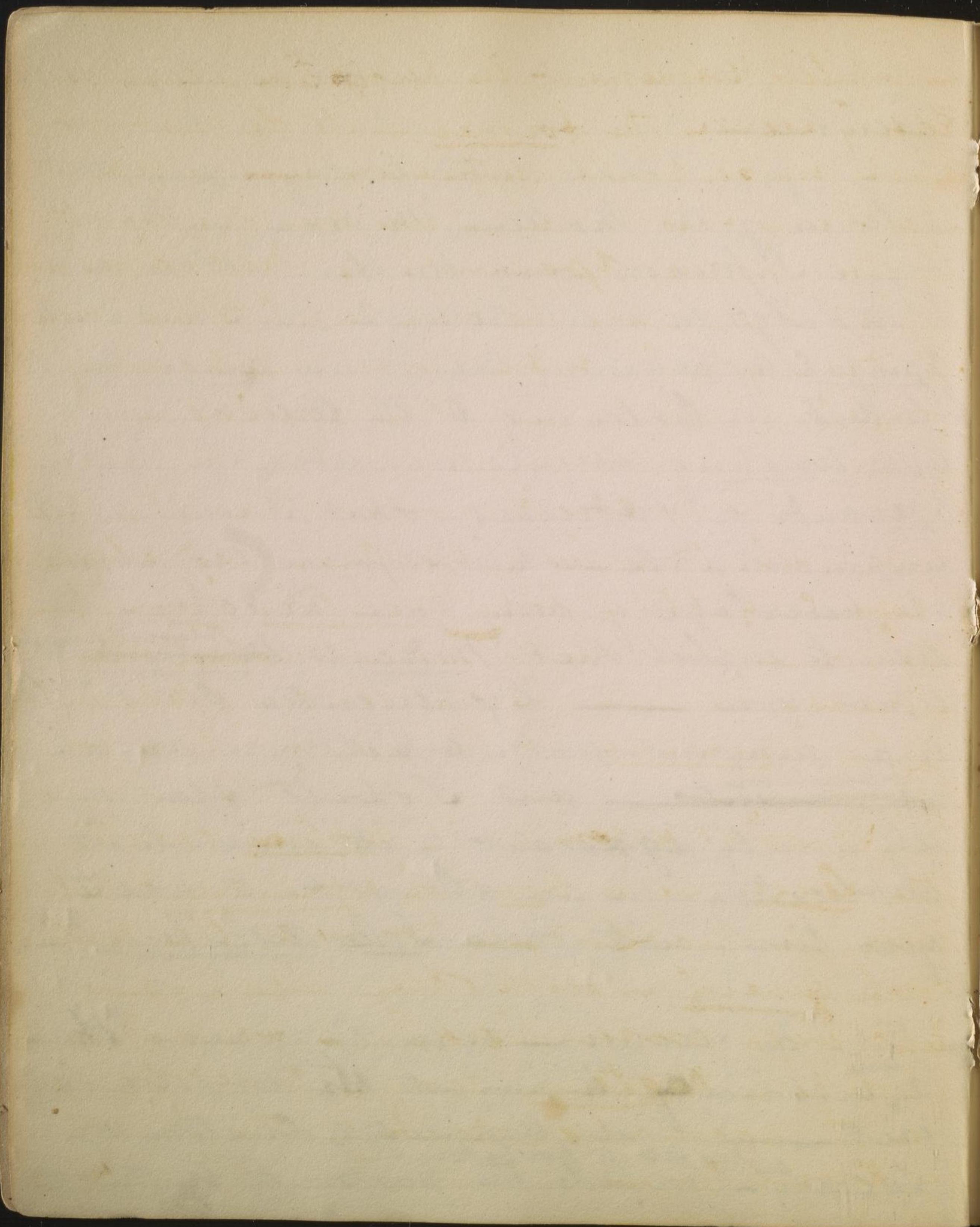
PRESENTED BY

COMMUNITER BONA PROFUNDERE DEORUM EST.

Gent —

I shall enter to day, upon the  
articles of the Materia Medica — But  
before I proceed any further — allow me  
to indulge in a few remarks — I had such  
painful experience, whilst an ungraduated  
Student, in listening to the tedious, and  
time wasting speculations upon the Modus  
Operandi of Medicines — that I consider it  
unardonable — whilst enjoying the honora-  
ble privilege of being your Teacher — to  
desire to inflict that Medical Punishment  
upon you — "Ex plicentia docat"  
is a maxim — with which you are all  
~~as good students~~ familiar — and I should shew my-  
self utterly ignorant of its immediate  
application — in an attempt to waste  
your time — with these idle discursions —

In Sciences — as in Manners — there  
are undelicately — to project its domestic Se-  
cret — The universal custom of  
Society — has set its portgatory seal upon  
the propriety of the latter



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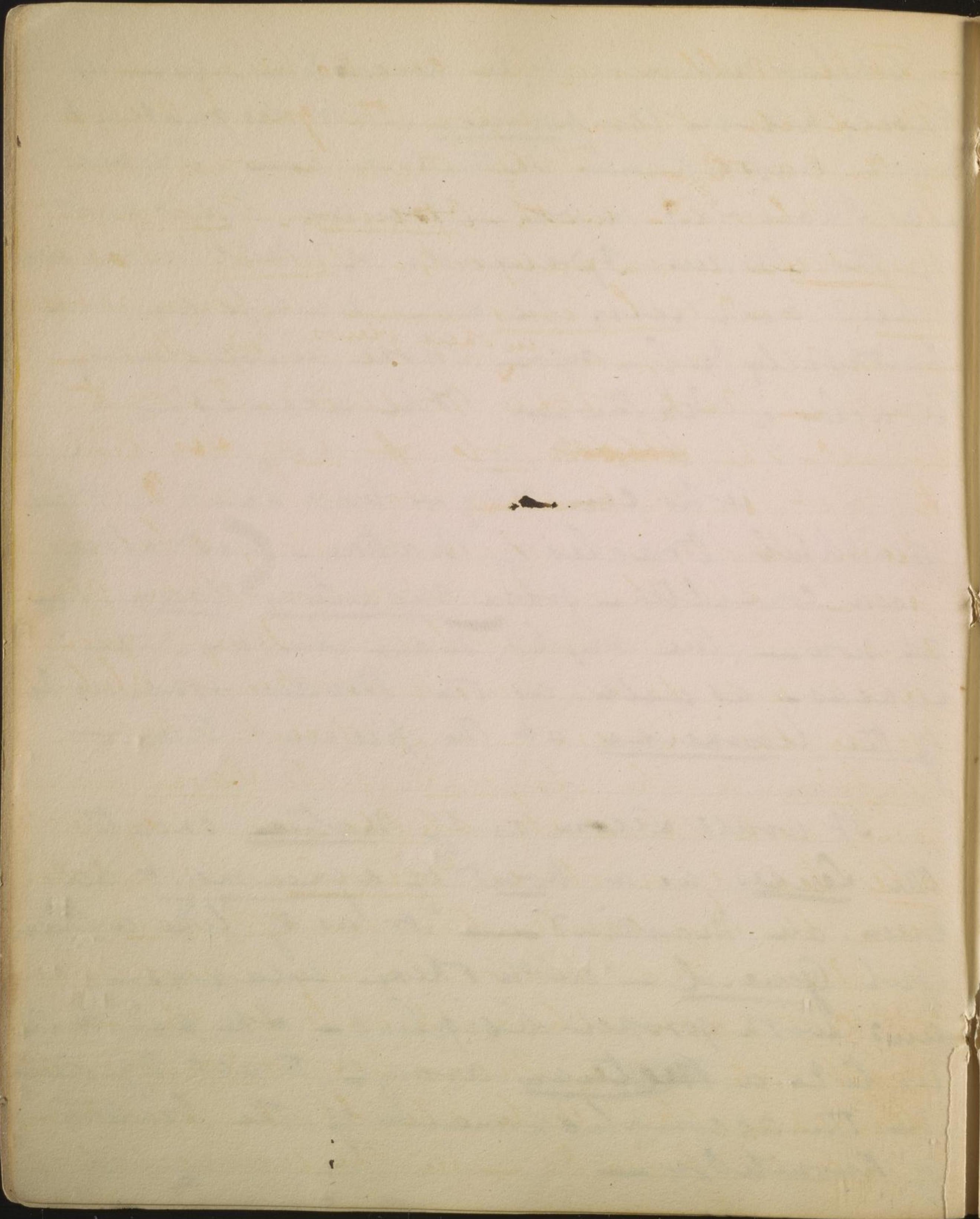
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- whilst Refinement in Perception - can as easily see in the former - its disgust at such impudent intrusion — Repeat - as I have said before - we are Ignorant of the Modus-Operandi of Medicines - and ever will be so - unless we more faithfully rely - upon those undeviating Oracles of Nature — the Senses —

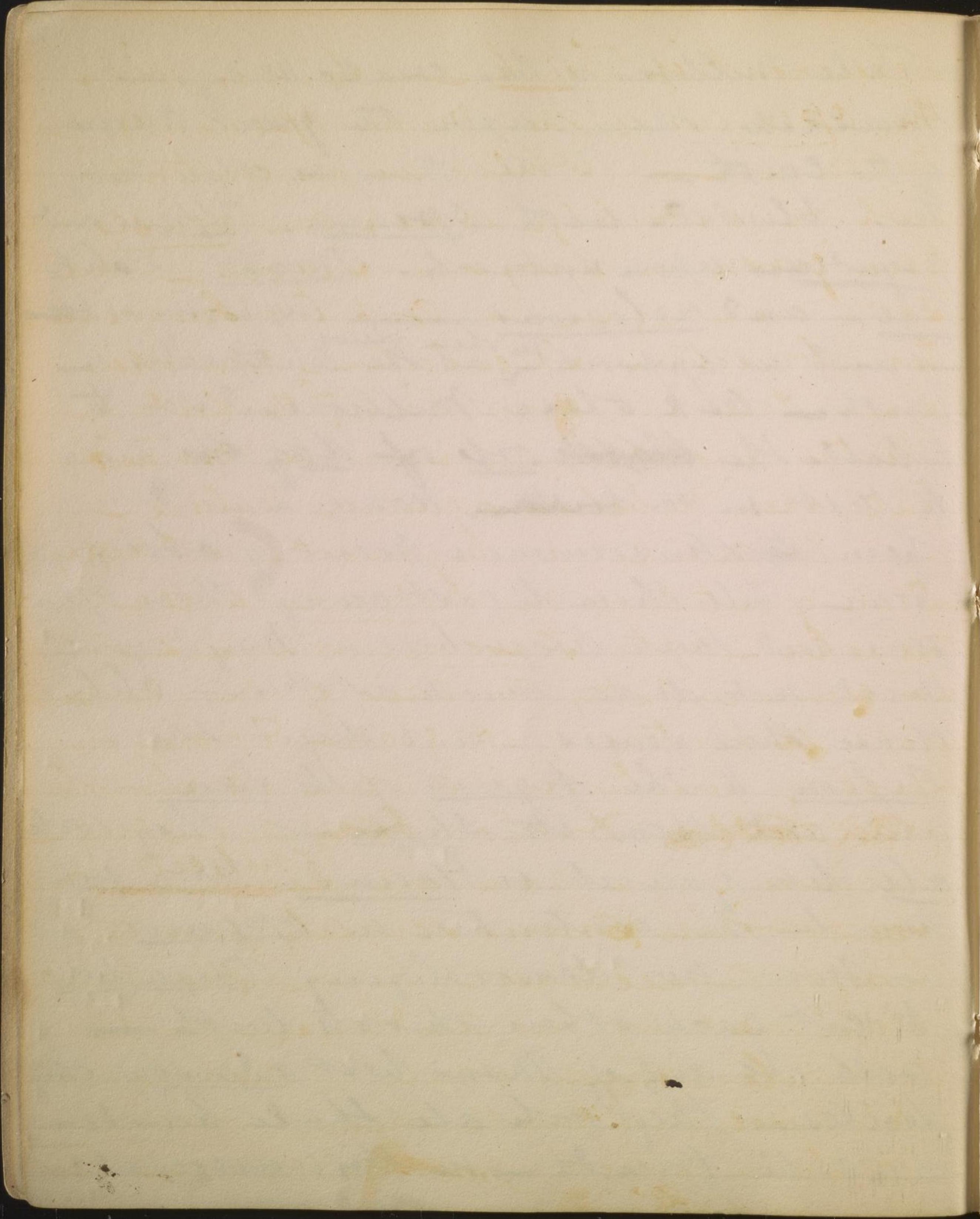
who can say - but that if these faithful Oracles of Nature - had alone been consulted - from creation's dawn - until now - we might have known - the causas - as well as the Modus operandi of the Universe at the present time —

It would seem as if Nature created the Senses as a bond of agreement between all Mankind — or as if like a skilful General — with these weapons — and with proper discipline — she had made us like a Meteian army — to act together in the accomplishment of the victory of Knowledge —



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- Take millions of her creation beings —  
March them upon the great arena  
of the Earth — Take them as they may,  
be — blinded with Opinion — Patriot and  
Prejudice upon subjects — Moral Polit-  
ical — and religious — differing as far  
— and as opposite <sup>in their views</sup> as the Antipodes of  
Earth — Ask these millions — I say to  
behold — the ~~bitter~~ one of day sinking  
to rest in the ~~bright~~ horizon — Bring  
them to this common point of observa-  
tion — Tell them to cast away their opin-  
ions — and their prejudices — Nay — you  
need not do as much as this — Only  
rouse their lenses — and direct their  
Vision — to the figures of the Land —  
and ask them its shape — They will  
all tell you it is round — There will  
now be no contention in Opinion —  
— now no demoralizing Prejudice  
to cut each other throats with —  
with the aid of man's best advisors the  
lenses — they will all shake hands —  
and be friends — in this universal



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agreement. of Truth — So it is with  
the opinions of the Modus Operandi of  
Medicines — whilst we are contented  
with the knowledge which our Leads  
have given us upon this Subject — we  
shall all — agree — But let Imagina-  
tion — longectus — Speculation — pour their  
open — tales into your Ears — the Seeds of  
mental discord — will soon be matured  
into open rebellion against Nature —

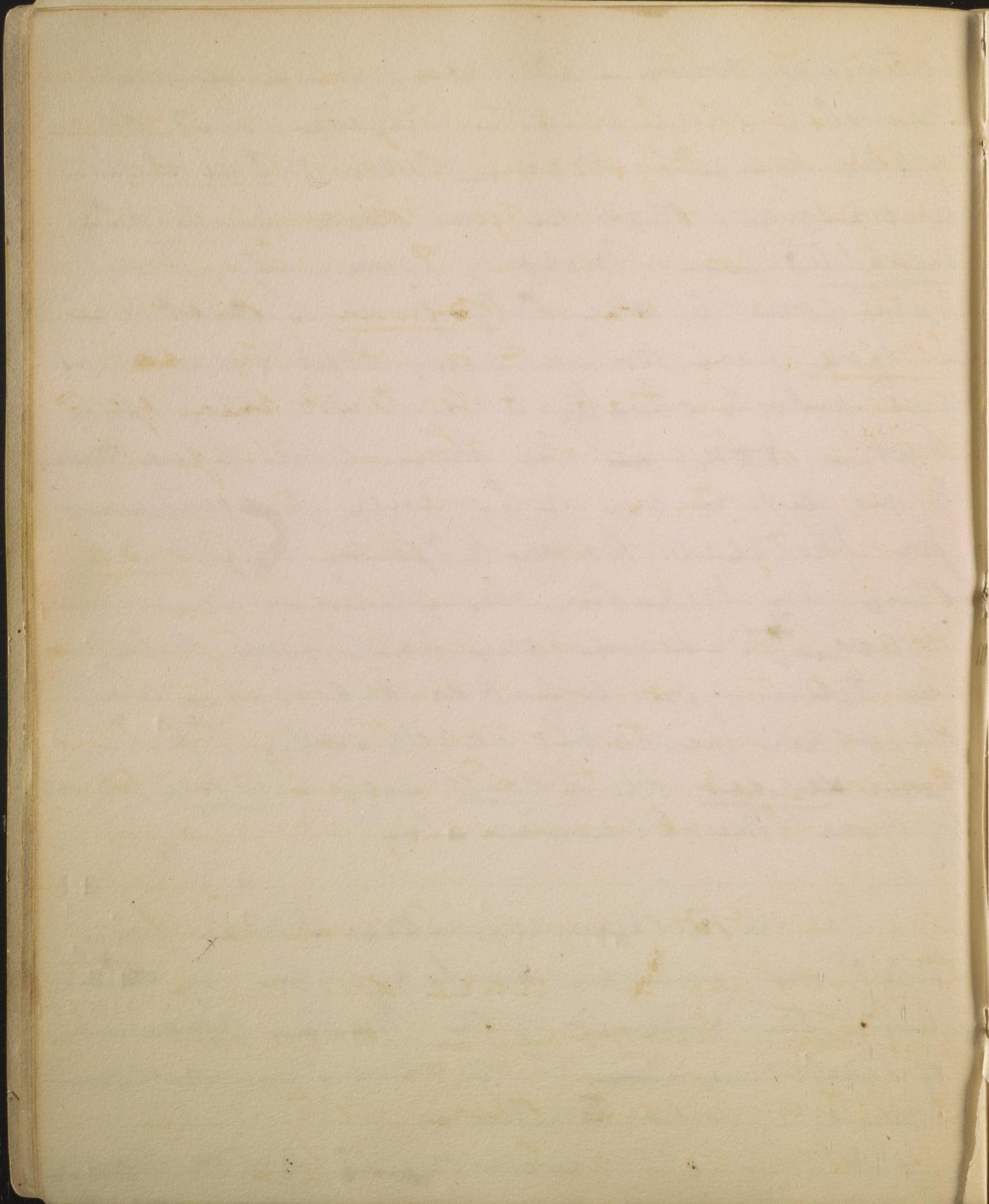
It marks — a degraded — and Logy  
State of intellect in medicine, when  
Teacher — after Teacher. will persist  
in inoculating the Ears of his pupils  
with ~~at~~ his touz. of its glaring Errors — in-  
stead of pointing out to them its simple  
~~and~~ ~~old~~ Truths. ~~only~~ Degradery —  
because — you have all ~~seen~~ <sup>noticed</sup>  
~~seen~~ these Errors — scarcely pass the  
lips of the Lecturer — before they have  
been met by his audience — with the  
contemptuous smile — of disbelief —  
His association with these Errors — have  
the same effect upon his mind — that

Modern Ch. - Humoral Park - Entering the  
Circulator - Author: Blumenbach -  
Lister - Musgrave - Mogen & Co. - Home  
Broder - in our own City, Naulan  
water - Lawrence -

intimacy with bad men - have upon  
Morals - they - blind - vitiate - and de-  
grade him — Nay — Even make him  
unconscious - that he has been publickly  
insulted — Most of you - Gent-  
have come to our City from a distance  
— You have voluntarily left those places  
which cluster around no other place  
but — Rome — in fine you have come  
to us upon an honorable pilgrimage  
for Medical Knowledge — Ought I  
then. in Reason — in Policy — or in  
Honor — to consume one half your time  
in telling you what is needless — and  
the other perhaps. in masking from  
your senses the short and simple object  
of your Me. Education —

With these remarks - I hope you  
need no further apology. for my silence  
upon the Subject of the Modus Operandi  
of Medicines — I shall therefore com-  
mence - with Emetics -

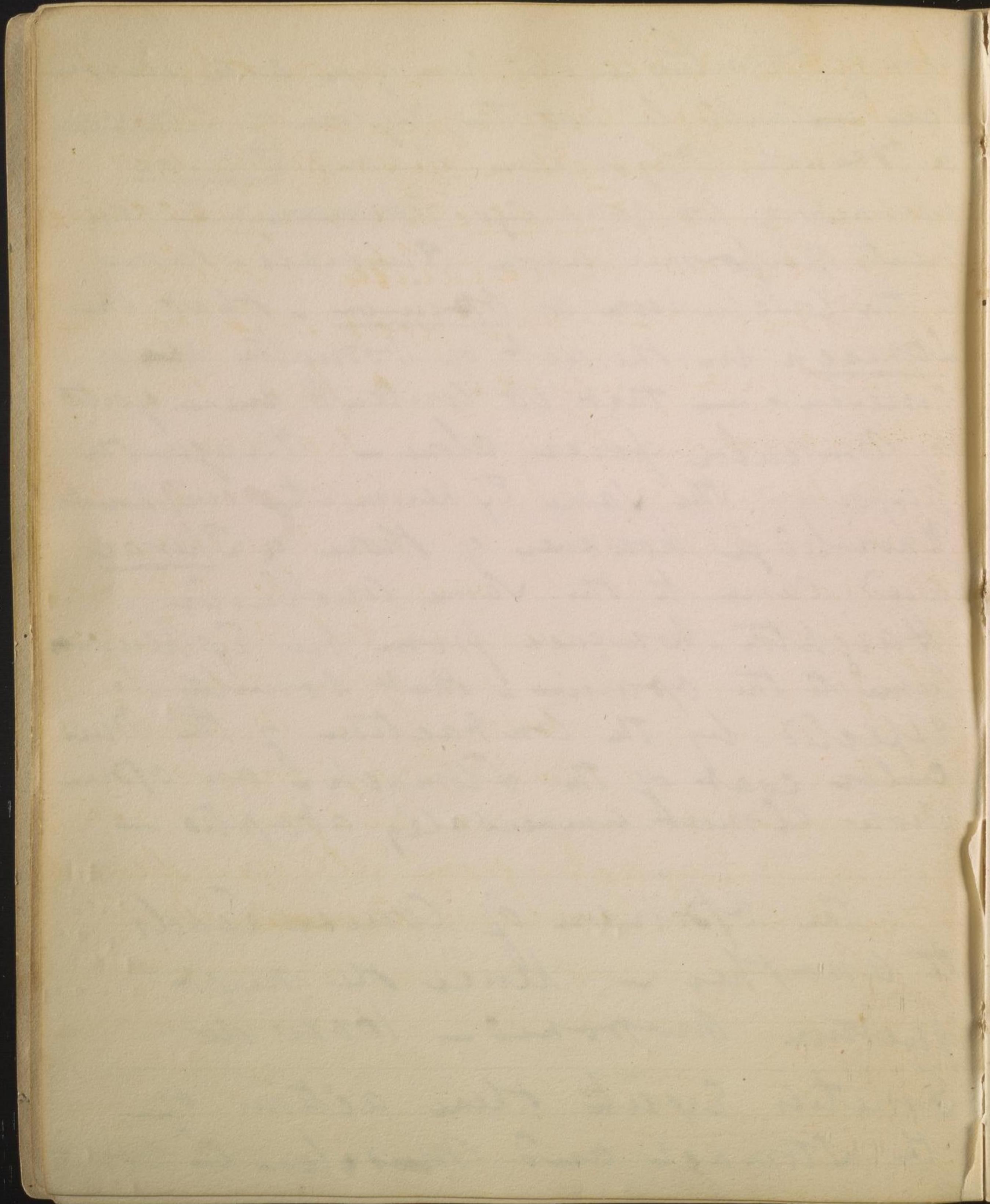
With regard to the Mechan-



-ion of Vomiting — and here you will perceive  
I am instantly led into the Region of Opinion  
a French Physician named Chirac  
upwards of 100 years ago. ~~He made~~ experiments  
performed upon Animals - came  
to the conclusion or Opinion - that the  
Stomach in the act of vomiting is  
quiescent — that its contents were ejected  
by muscular force alone — Magendie  
performed the same experiments. without  
knowledge however of those of Chirac  
and came to the same conclusion.

Haighton - however from his experiments  
came to the opinion - that vomiting is  
effected by the contraction of the Mus-  
cular coat of the Stomach - an opinion  
now almost universally adopted —

The opinion of course leads  
to another - hence the next  
question proposed - How do  
Emetics excite these actions of  
the Stomach and Muscles - in vomiting



Darwin's Speculation upon this Subject  
states that Excitement of the  
Stomach - is diminished by the  
action of an Emetic - in Consequence  
of which its Penaltic Motion  
is inverted - How does this follow  
as a consequence when Nausea  
is produced - (says he) the Stomach  
as well as the whole System is in a  
State of Debility - As the Nausea  
increases - the Powers of the Stomach  
are more diminished - until they cease  
altogether - and then give place to  
an inverted Motion of its Muscular  
fibres - How? Why should this  
diminished - nay even suspended action  
of the Stomach - from alleged Debility  
give rise - to new and inverted Motion

224. a. Quæst.

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E/la u. iu/nadas

E/la u. iu/nadas

E/la u. iu/nadas

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- A. E/la u. iu/nadas

No.

EN. EN. EN.

~~64. a. Quæst.~~

~~226~~  
285.085  
228.220  
19.400  
20.200  
6.100

3.36

~~226~~  
~~285.085~~  
~~228.220~~  
~~19.400~~  
~~20.200~~  
~~6.100~~

~~226~~  
28.220

28.22

~~226~~  
28.220  
28.220  
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4.200  
46.800  
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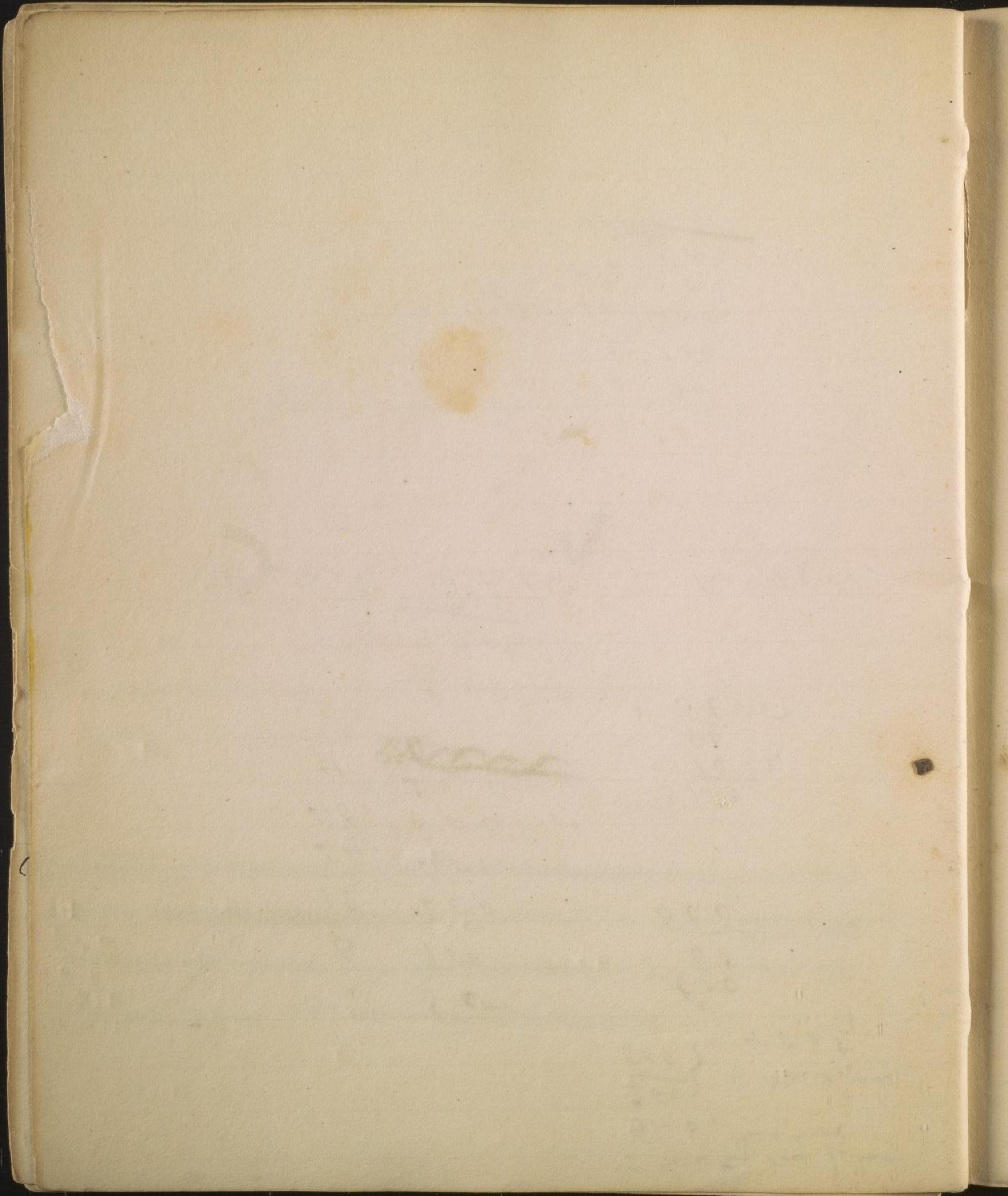
66

600

4.100

400 { 400  
260 } 400

600, 600  
12 months on 2nd





# MULTIPLICATION TABLE.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75
4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125
6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150
7	14	21	28	35	42	49	56	63	70	77	84	91	98	105	112	119	126	133	140	147	154	161	168	175
8	16	24	32	40	48	56	64	72	80	88	96	104	112	120	128	136	144	152	160	168	176	184	192	200
9	18	27	36	45	54	63	72	81	90	99	108	117	126	135	144	153	162	171	180	189	198	207	216	225
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250
11	22	33	44	55	66	77	88	99	110	121	132	143	154	165	176	187	198	209	220	231	242	253	264	275
12	24	36	48	60	72	84	96	108	120	132	144	156	168	180	192	204	216	228	240	252	264	276	288	300
13	26	39	52	65	78	91	104	117	130	143	156	169	182	195	208	221	234	247	260	273	286	299	312	325
14	28	42	56	70	84	98	112	126	140	154	168	182	196	210	224	238	252	266	280	294	308	322	336	350
15	30	45	60	75	90	105	120	135	150	165	180	195	210	225	240	255	270	285	300	315	330	345	360	375
16	32	48	64	80	96	112	128	144	160	176	192	208	224	240	256	272	288	304	320	336	352	368	384	400
17	34	51	68	85	102	119	136	153	170	187	204	221	238	255	272	289	306	323	340	357	374	391	408	425
18	36	54	72	90	108	126	144	162	180	198	216	234	252	270	288	306	324	342	360	378	396	414	432	450
19	38	57	76	95	114	133	152	171	190	209	228	247	266	285	304	323	342	361	380	399	418	437	456	475
20	40	60	80	100	120	140	160	180	200	220	240	260	280	300	320	340	360	380	400	420	440	460	480	500
21	42	63	84	105	126	147	168	189	210	231	252	273	294	315	336	357	378	399	420	441	462	483	504	525
22	44	66	88	110	132	154	176	198	220	242	264	286	308	330	352	374	396	418	440	462	484	506	528	550
23	46	69	92	115	138	161	184	207	230	253	276	299	322	345	368	391	414	437	460	483	506	529	552	575
24	48	72	96	120	144	168	192	216	240	264	288	312	336	360	384	408	432	456	480	504	528	552	576	600
25	50	75	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600	625